

City of Lowell
Job Description
Please Post: October 6, 2014
Deadline: October 20, 2014
Division of Planning & Development
Transportation Engineer

Job Title: **Transportation Engineer** (2700-65, 2075)
Department: Division of Planning & Development
Reports To: Chief Planner, Asst. CM DPD, other designated personnel as required
Union Status: AFSCME Local 2532
Salary: \$52,914.68(min) to \$56,933.24(max)

SUMMARY

Develops plans for surface transportation projects according to established engineering standards and state, federal or local construction policy by performing the following duties.

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following. Other duties may be assigned.

Prepares plans, estimates, and specifications to design transportation improvements.

Develops and implements the transportation elements of the city's Comprehensive Master Plan.

Plans alterations and modifications of existing streets, highways, freeways, sidewalks, crosswalks and intersections to achieve the goals of the Master Plan and/or Neighborhood Plans on behalf of the Planning & Development Dept.

Prepares and presents public reports of transportation analysis statements and other transportation information.

Provides research and recommendations to address public complaints and City Council motions regarding transportation issues. Drafts all ordinances for regulatory measures with input from the Lowell Police Department, Law Department and relevant planning studies.

Recommend priorities for neighborhood traffic calming projects, pedestrian improvements and intersection upgrades.

Coordinates projects to update and maintain traffic signal timings.

Studies vehicular and pedestrian traffic conditions.

Coordinates all relevant departmental activities with the Police Traffic Division.

Identifies and pursues all appropriate federal and state funds which support traffic improvements.

Manages small transportation construction projects.

Completes special projects as designated by the Chief Planner.

QUALIFICATIONS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

EDUCATION and/or EXPERIENCE

Bachelor's degree (B.A.) from a four-year college or university in Civil Engineering with a transportation concentration. Familiarity with established standards for transportation analysis and design. Ability to communicate engineering concepts to the general public. Project management and/or construction management experience is preferred. Three to five years of related experience preferred.

LANGUAGE SKILLS

Ability to read, analyze, and interpret general business periodicals, professional journals, technical procedures, or governmental regulations. Ability to write reports, business correspondence, and procedure manuals. Ability to effectively present information and respond to questions from groups of managers, clients, customers, and the general public.

MATHEMATICAL SKILLS

Ability to work with mathematical concepts such as probability and statistical inference, and fundamentals of plane and solid geometry and trigonometry. Ability to apply concepts such as fractions, percentages, ratios, and proportions to practical situations.

REASONING ABILITY

Ability to solve practical problems and deal with a variety of concrete variables in situations where only limited standardization exists. Ability to interpret a variety of instructions furnished in written, oral, diagram, or schedule form.

CERTIFICATES, LICENSES, REGISTRATIONS

Valid driver's license required.

PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is frequently required to talk or hear. The employee is occasionally required to stand; walk; sit; use hands to finger, handle, or feel; and reach with hands and arms. The employee must occasionally lift and/or move up to 25 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision,

peripheral vision, depth perception, and ability to adjust focus.

WORK ENVIRONMENT

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is occasionally exposed to fumes or airborne particles and outside weather conditions. The noise level in the work environment is usually moderate.

The City of Lowell is a smoke and drug free employer and requires physical with drug screen, and CORI post offer.

Qualified individuals send application and/or resume to the Human Relations Office, Room 19 City Hall, Lowell, MA 01852 by 4:00 pm on: Deadline ~ October 20, 2014. Applicants may also send applications and/or resume to cityjobs@lowellma.gov

EOE/AA/504 Employer